

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims

1. (currently amended) A system enabling a user to ask a question (query) and for providing the user with one or more answers or solutions to such question, the system comprising:

user apparatus for automatically generating first signals representative of a natural language user query that includes ~~at least a one or more~~ query elements comprising (A-O), (S-A), or (S-X-O), or element (S);

a server coupled to ~~for storing~~ a knowledge base of semantically and automatically processed information including a plurality of available answers in the form of S-A-O's, ~~and for the server configured to:~~

~~identifying from the one or more query elements~~ at least one knowledge base element S, O, or A, or ~~elements~~ (A-O) associated with at least one respective knowledge base answer S-A-O that includes the one or more query elements or ~~element~~, in response to the server receiving the first signals; and

~~generate~~ generating second signals representative of the natural language at least one answer S-A-O, ~~that includes the identified element or elements and the query elements or element, wherein~~ the user apparatus is configured to generate generating a natural language audio response message or visual display ~~to the user of the natural language~~ at least one answers S-A-O in response to receiving the second signals; and

communication devices configured to ~~means for transmitting~~ the first signals from the user apparatus to the server and ~~for to~~ transmitting the second signals from the server to the user apparatus.

2. (currently amended) A system as set forth in claim 1, wherein said server conducts a search of the World Wide Web, identifies documents that includes ~~document~~ new answer S-A-O's each comprising an element or elements that match the one or more query

~~element or elements~~, stores links to such documents, and adds such ~~document~~ new answer S-A-O's to the knowledge base, and wherein the server includes, as part of the second signals, representations of each ~~identified document~~ of the new answer S-A-O's.

3. (currently amended) A system as set forth in claim 1, wherein said server conducts said search automatically in response to the server determining that no knowledge base element or elements matches the one or more query ~~element or elements~~ or in response to a user search command.

4. (currently amended) A system as set forth in claim 3, wherein said server is programmed to query the user to determine if user wants to initiate a the user search command.

5. (currently amended) A system as set forth in claim 12, wherein user apparatus converts human voice signals into said first signals.

6. (currently amended) A system as set forth in claim 12, wherein user apparatus converts second signals into audio signals.

7. (currently amended) A system as set forth in claim 12, wherein said user apparatus includes voice-to-text and text-to-voice recognition capability and a client software module for generating said first signals and for receiving said second signals.

8. (currently amended) A system as set forth in claim 12, wherein said user apparatus includes a user digital computer for generating said first signals and receiving said second signals.

9. (original) A system as set forth in claim 8, wherein said user apparatus further includes at least one user input device that includes a human voice to signal converter or a keyboard.

10. (original) A system as set forth in claim 8, wherein said user apparatus further includes at least one user input device that includes a signal to audio converter or a visual display monitor.

11. (currently amended) A system as set forth in claim 12, wherein said second signals represent each answer S-A-O in sentence format.

12. (currently amended) In a digital computing system, a method enabling a user to input a question (query) and providing the user with one or more answers or solutions to such query, the method comprising:

generating automatically first signals representative of a natural language user query that includes at least one or more query elements comprising (A-O), (S-A), ~~or~~ (S-X-O), or ~~element~~(S);

providing storing a knowledge base of semantically and automatically processed information including a plurality of available answers in the form of S-A-O's;

identifying, in response to the first signals, from the one or more query elements at least one knowledge base element S, O, or A, or elements (A-O) associated with at least one respective knowledge base answer S-A-O that includes the query one or more elements ~~or element~~; and

generating, in response to said identifying, second signals representative of the natural language at least one answer S-A-O that includes the identified element or elements and the query elements or element, and generating in response to the second signals a natural language audio message or visual display ~~to the user of the natural language~~ at least one answers S-A-O.

13. (currently amended) A method as set forth in claim 12, further comprising searching the World Wide Web, identifying documents that includes ~~document~~ new answer S-A-O's each comprising an element or elements that match the one or more query ~~element or~~ elements, storing links to such documents, and adding such ~~document~~ new answer S-A-

O's to the knowledge base, and wherein at least a part of the second signals represent each identified of the new answer S-A-O's.

14. (currently amended) A method as set forth in claim ~~13~~12, wherein said searching initiates automatically in response to identifying no knowledge base element or elements that matches the one or more query ~~element or elements~~ or in response to a user search command.

15. (currently amended) A method as set forth in claim 14, further including prompting the user to determine if user wants to initiate a the user search command.

16. (currently amended) A method as set forth in claim ~~12~~13, further comprising converting wherein user apparatus converts human voice signals into said first signals.

17. (currently amended) A method as set forth in claim ~~12~~13, further comprising converting wherein user apparatus converts second signals into audio signals or visual display.

18. (currently amended) A method as set forth in claim ~~12~~13, wherein generating the first signals includes converting voice-to-text.

19. (currently amended) A method as set forth in claim ~~12~~13, wherein generating the audio message or visual display includes converting text-to-audio or voice-to-text ~~visual~~.

20. (New) A method of providing one or more solutions in response to a user query, the method comprising:

processing a natural language user query at a user device, including formatting the user query into an A-O problem statement, converting the A-O problem statement into a URL, and sending the URL to a semantic server knowledge base;

processing the URL at the semantic server knowledge base, which comprises a plurality of semantically processed S-A-O solutions to a plurality of A-O problem statements, the processing including:

searching for one or more S-A-O solutions associated with the A-O problem statement, and

if one or more S-A-O solutions are found, converting the one or more S-A-O solutions into at least one HTML page and sending the at least one HTML page to the user device; and

processing the at least one HTML page at the user device to output a solution to the user query.